SH3GL3 Blocking Peptide (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	SH3GL3, Blocking Peptide
Full Product Name	SH3GL3 Blocking Peptide (C-term)
Product Gene Name	SH3GL3 blocking peptide
Product Synonym Gene Name	CNSA3; SH3D2C
Product Synonym Names	Endophilin-A3; EEN-B2; Endophilin-3; SH3 domain protein 2C; SH3 domain-containing GRB2-like protein 3; SH3GL3; CNSA3; SH3D2C
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Specificity	The synthetic peptide sequence is selected from aa 290-305 of HUMAN SH3GL3
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	SH3GL3 peptide (MBS9230177) is used for blocking the activity of SH3GL3 antibody (MBS9216071)
Molecular Weight	38,739 Da
OMIM	603362
Cellular Location	Cytoplasm. Early endosome membrane; Peripheral membrane protein Note: Associated with postsynaptic endosomes in hippocampal neurons. Associated with presynaptic endosomes in olfactory neurons (By similarity).
Tissue Location	Brain and testis.
Related Product Information for SH3GL3 blocking peptide	Implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).
Other Notes	Small volumes of SH3GL3 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SH3GL3 purchase	MBS9230177 is a blocking peptide targeting SH3GL3. Also known as SH3GL3 Blocking Peptide (C-term).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SH3GL3. It may not necessarily be applicable to this product.

NCBI GI #	12643798
NCBI GeneID	6457
NCBI Accession #	Q99963.1
UniProt Primary Accession #	Q99963
UniProt Secondary Accession #	O43553; O43554
NCBI Official Full Name	Endophilin-A3
UniProt Protein Name	Endophilin-A3
UniProt Synonym Protein Names	EEN-B2; Endophilin-3; SH3 domain protein 2C; SH3 domain-containing GRB2-like protein 3
Protein Family	Endophilin

UniProt Gene Name	SH3GL3
UniProt Synonym Gene Names	CNSA3; SH3D2C
UniProt Entry Name	SH3G3_HUMAN
UniProt Comments for SH3GL3	SH3GL3: Implicated in endocytosis. May recruit other proteins to membranes with high curvature. Belongs to the endophilin family. 4 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 15q24 Molecular Function: identical protein binding; protein binding Biological Process: central nervous system development; signal transduction
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